

INTERNATIONAL SEARCH REPORT

International Application No
PCT/US2004/026516

A. CLASSIFICATION OF SUBJECT MATTER

IPC 7 A61L27/14 A61L29/04 A61L31/10 A61K9/70 A61F2/06

According to International Patent Classification (IPC) or to both national classification and IPC

B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)

IPC 7 A61L A61F

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the International search (name of data base and, where practical, search terms used)

EPO-Internal, WPI Data, PAJ, BIOSIS, EMBASE, MEDLINE

C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category °	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X, P	WO 2004/014447 A (MEDTRONIC INC) 19 February 2004 (2004-02-19) page 15, line 17 - line 27; claim 32 page 18, line 7 - line 13 -----	1, 7-9, 13, 18, 20, 21
A	US 2002/188037 A1 (CHUDZIK STEPHEN J ET AL) 12 December 2002 (2002-12-12) the whole document -----	1-24
A	US 6 344 035 B1 (CHUDZIK STEPHEN J ET AL) 5 February 2002 (2002-02-05) the whole document -----	1-24
A	EP 0 544 144 A (BASF AG) 2 June 1993 (1993-06-02) abstract -----	1-24

Further documents are listed in the continuation of box C.

Patent family members are listed in annex.

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Date of the actual completion of the international search

23 November 2004

Date of mailing of the International search report

30/11/2004

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Information on patent family members

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Patent document cited in search report		Publication date		Patent family member(s)		Publication date
WO 2004014447	A	19-02-2004	WO US	2004014447 A1 2004047911 A1		19-02-2004 11-03-2004
US 2002188037	A1	12-12-2002	US	2002032434 A1		14-03-2002
			US	6344035 B1		05-02-2002
			US	6214901 B1		10-04-2001
			WO	03105920 A1		24-12-2003
			US	2003031780 A1		13-02-2003
US 6344035	B1	05-02-2002	US	6214901 B1		10-04-2001
			US	2002188037 A1		12-12-2002
			US	2003031780 A1		13-02-2003
			US	2002032434 A1		14-03-2002
			AT	219693 T		15-07-2002
			AU	760408 B2		15-05-2003
			AU	3563899 A		16-11-1999
			CA	2320259 A1		04-11-1999
			DE	69901927 D1		01-08-2002
			DE	69901927 T2		10-10-2002
			DK	1019111 T3		14-10-2002
			EP	1174157 A1		23-01-2002
			EP	1019111 A1		19-07-2000
			ES	2179646 T3		16-01-2003
			JP	3406903 B2		19-05-2003
			JP	2002512856 T		08-05-2002
			PT	1019111 T		31-10-2002
			WO	9955396 A1		04-11-1999
EP 0544144	A	02-06-1993	DE	4138513 A1		27-05-1993
			AT	123649 T		15-06-1995
			CA	2082573 A1		24-05-1993
			DE	59202537 D1		20-07-1995
			DK	544144 T3		07-08-1995
			EP	0544144 A1		02-06-1993
			ES	2073229 T3		01-08-1995
			JP	5194197 A		03-08-1993
			MX	9206551 A1		01-05-1993
			US	5552159 A		03-09-1996